

IN THE TITLE:

Amend the title as follows.

Therapeutic and diagnostic means for papillomas ~~and other diseases involving~~

PED/PEA-15

IN THE SPECIFICATION:

Amend the specification as follows.

Page 7, delete the paragraph spanning lines 6-10.

~~The state of the art makes evident that PED/PEA-25 is not univocally associated to tumors. In fact, former studies by the present inventors established a role of this protein in type 2 diabetes, a pathology totally unrelated with tumors. (Condorelli et al., EMBO J., 1998, JUL 15, 17 (14) : 3858-66)~~

Page 12, replace the last paragraph spanning lines 25-31 through lines 1-7 of page 13 with the following paragraph.

The transgenic animal according to the present invention is a valid model for studying and verifying pathologies where PED/PEA-15 plays a pathogenetic role. Examples of said pathologies are tumors, for example gliomas, papillomas, also of viral origin, breast cancer, ~~and diabetes, in particular diabetes mellitus, diabetes complications, micro- and macrovascular complications.~~ When suitably treated, the animal of the present invention will have a high probability of developing the pathology, which can also be in a particularly aggressive form. Said non-human animal is an extremely useful model for the study and development of new drugs for the treatment of said pathologies, as well as for the evaluation of efficacy drugs currently used in therapy. The use of this animal in the above mentioned meaning is within the boundaries of the present invention. A particularly preferred embodiment of the invention relates papilloma.

Page 13, replace the last paragraph spanning lines 30-31 through lines 1-3 of page 14 with the following.

In another aspect, the present invention provides antisense oligonucleotides useful as active ingredients in medicaments, in particular for the preparation of a medicament for the treatment of a pathology where PED/PEA-15 plays a pathogenetic role, for example papilloma or diabetes.

Page 15, replace the paragraph spanning lines 10-14 with the following paragraph.

In another embodiment of the present invention, the pharmaceutical compositions contain a further active ingredient, an antitumor or an agent for the treatment of diabetes, complications thereof, micro and macrovascular complications. In a preferred embodiment of the invention, said antitumor agent is TRAIL.